



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

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Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

June 12, 2003

## CERTIFIED RETURN RECEIPT

7099 3400 0016 8896 2123

Garth Kuhnhein  
Utah Marblehead LLC  
9043 Hwy 154  
Butler, Kentucky 41006

Re: Five-Year Review of Reclamation Surety Estimate, Utah Marblehead LLC, Utah  
Marblehead Quarry, M/045/003, Tooele County, Utah

Dear Mr. Kuhnhein:

Thank you for providing the requested information regarding the five-year review status of your Utah Marblehead Quarry, located in Tooele County, Utah. The last surety estimate for this mine was \$62,500 in 1998 dollars. A review of the information furnished by Utah Marblehead LLC found that since the surety estimate was placed, a new mine reclamation plan (MRP) had been approved for this site.

This plan was necessary due to the fact that the operations at the quarry had changed since the sale of the plant. Under the MRP, the amount of material to be moved to reclaim the site increased considerably and the reclamation of the haulroad between the quarry and the plant was added.

The new surety amount for the Utah Marblehead Quarry escalated to the year 2008 is \$246,100. This amount has been reduced from the \$356,800 noted in my June 3, 2003 letter. The reduction is due to a change in the projected material handling costs. Per your discussions earlier this week with Doug Jensen of my staff, the cost estimate now reflects using a scraper rather than a loader and truck to move the stockpiled material. A updated Reclamation Cost Estimate is attached for your use. Please provide the updated surety within 60 days, or no later than August 11, 2003.

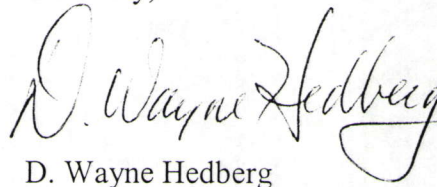
You may provide a rider to the existing surety and no other paperwork will be necessary. However, if you choose to post another form of surety, please contact Joelle Burns at (801) 538-

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Garth Kuhnhein  
M/045/003  
June 12, 2003

5291 to obtain the current bonding forms, or you may access the current forms on the internet at [www.nr.utah.gov](http://www.nr.utah.gov). If you post another form of surety, we will require that you also replace the Reclamation Contract (Form MR-RC), which is also located on our website. Please fax a "draft" copy of the surety documents, so we can review them for completeness and accuracy before they are finalized.

If you are unable to provide the surety within the established timeframe, please contact us with justification for requesting additional time. Thank you for your help in keeping the surety current. If you have any questions concerning this letter, please contact Doug Jensen at (801) 538-5382.

Sincerely,

A handwritten signature in cursive script that reads "D. Wayne Hedberg". The signature is written in dark ink and is positioned above the printed name.

D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

jb

Attachment: Surety estimate update

July 9, 1998 Receipt of Consolidated Plan letter

cc: Cheryl Martinez, BLM, Salt Lake FO  
Doug Jensen, DOGM

O:\M045-Tooele\M0450003 UtahMarbleheadQuarry\Bond\escl-06112003.doc



<b>RECLAMATION SURETY ESTIMATE</b> Utah Marblehead Lime Company Marblehead Lime Quarry DOGM file Number M/045/003 Prepared by Utah State Division of Oil, Gas & Mining					
			last revision	06/11/03	
			filename M045-003.xls	page "estimate D8"	
			Tooele County		
<b>This bond has been calculated utilizing the Mine Reclamation Plan submitted to the Division March 25, 1998 - This plan provided additional reclamation details for the site.</b>  -A variance to leave highwalls at the quarry was granted by the Division for this site -The permit includes 49.29 acres of quarry & 12.74 acres of haulroad, total disturbance of 62.03 acres -The reclamation surety presently in place was calculated on a total disturbance of 49 acres. -Reclamation of the haulroad has been requested by the BLM. - The floor of the quarry is to be reclaimed.					
<b>Note: actual unit costs may vary according to site conditions</b>			last unit cost update	7-Sep-02	
<b>-Amount of disturbed area which will receive reclamation treatments = 57 acres</b>				acres	
<b>-Estimated total disturbed area for this mine =</b>				62.03 acres	
	<u>Activity</u>	<u>Quantity</u>	<u>Units</u>	<u>\$/unit</u>	<u>\$</u> <u>Note</u>
	Spreading material over quarry floor (dozer)	121000	CY	0.5	60500 (8)
	Quarry floor reclamation (scraper)	60900	CY	1.19	72471 (13)
	Ripping quarry floor material prior to seeding	44	acre	246	10824 (9)
	Surface drainage restoration or construction	810	LF	0.16	130 (10)
<b>Haulroad Reclamation</b>					
	Removal of gravel & roadbase from haulroad				
	Dozer	2.3	acre	246	566 (9)
	FE loader & truck	500	CY	2.6	1300 (14)
	Removal of 6 culverts	6	ea	250	1500 (00)
	Ripping of road area prior to seeding	2.3	acres	246	566 (9)
	Fertilizing (100 lb/acre diammonium phosphate)	57	acre	90	5130 (00)
	Drill seeding	57	acre	205	11685 (00)
	General site cleanup & trash removal	15	acre	50	750 (00)
	Equipment mobilization	5	equip	2000	10000 (00)
	Reclamation supervision - 10% of reclamation estimate				19296 (15)
		Subtotal			194717
	10% Contingency				19472
		Subtotal			214189
	Escalate for 5 years at 2.82% per year				31953
		Total			246142
Rounded surety amount in year 2008 \$				246100	
Average cost per disturber acre =			3968		
(9)	Means 2000 & Blue Book 3Q/00: Cat D8N, U, mtl 2550 lb/CY, 100 ft push				
(9)	Means 2000 & Blue Book 3Q/00: Cat D8N, U, multi shank rippers, speed 1.0 mph				
(10)	Contractor's actual costs, 1991 at E/053/012 escalated to 2000-\$, Cat 225 Excavator, 20 ft wide road				
	Means 2000 & Blue Book 3Q/00: Cat D8N, U, mtl 2550 lb/CY, 50 ft push, used avg vol 0.5CY/LF-berm				
(13)	Means 2000 & Blue Book 3Q/00: Cat 627F P-P, mtl 2550 lb/CY, 2,000 ft haul one-way, grade +/- 4%,				
(14)	Means 2000 02320-200-2030: earthwork, hauling excavated or borrow material, off highway hauler,				
	22 CY, 1 mile round trip, no loading included				
(00)	DOGM general estimate - fertilizing				
(00)	DOGM general estimate - drill seeding				
	DOGM general estimate - site cleanup & trash removal				
	DOGM general estimate - equipment mobilization				



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Michael O. Leavitt  
Governor

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Division Director

July 9, 1998

Fred Miossi  
Marblehead Lime Company  
390 East Joe Orr Road  
P.O. Box 488  
Chicago Heights, Illinois 60411-0488

Re: Receipt of Consolidated Plan, Marblehead Lime Company, Utah Marblehead Lime Quarry,  
M/045/003, Tooele County, Utah

Dear Mr. Miossi:

This letter is to acknowledge that on March 23, 1998, the Division received Marblehead Lime Company's consolidated plan prepared by Mel Coonrod for the Utah Marblehead Lime Quarry. As you are aware, the Division never had your mining and reclamation plan in one consolidated volume, but rather bits and pieces were received over the years. We appreciate having the plan in one consolidated volume.

It is our understanding that this consolidated mining and reclamation plan only brings together all the information that has already been approved by the Division, and that no changes have been made to the previously approved mining and reclamation plan. Thank you for your help in submitting this consolidated volume. Please contact me at (801) 538-5321 if you have any questions regarding this letter.

Sincerely,

Tom Munson  
Senior Reclamation Specialist

jh  
cc: Mel Coonrod, Consultant  
M045003.ltr